

WHAT IS CLAIMED IS:

1. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT;

an EL element; and

a reference power supply line,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element, and

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to the reference power supply line.

2. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT;

an EL element; and

a reference power supply line,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element,

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to the reference power supply line,

wherein a gate electrode of the EL driving TFT is connected to a gate electrode of the electric discharge TFT, and

wherein the polarity of the EL driving TFT is different from the polarity of the electric discharge TFT.

3. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT;

an EL element; and

a reference power supply line,

wherein the EL driving TFT controls the amount of a current supplied from the power supply line to the EL element, and

wherein the electric discharge TFT controls the amount of a current supplied from the power supply line to the reference power supply line when the EL driving TFT is turned

OFF.

4. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein each of the plurality of electric discharge TFTs is turned OFF when each the plurality of EL elements emits light.

5. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs when each of the plurality of EL elements emits light

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein each of the plurality of electric discharge TFTs is turned OFF when each the plurality of EL elements emits light.

6. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light, and

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light,

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region.

7. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region, and

wherein the amount of the current flowing through the channel formation region of

each of the plurality of EL driving TFTs is the same as the amount of current flowing through the channel formation region of each of the plurality of electric discharge TFTs.

8. A light emitting device comprising :

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein each of the plurality of electric discharge TFTs is turned OFF when each the plurality of EL elements emits light.

9. A light emitting device comprising :

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein the polarity of the plurality of EL driving TFTs is different from the polarity of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein each of the plurality of electric discharge TFTs is turned OFF when each the plurality of EL elements emits light.

10. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light, and

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light.

11. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region.

12. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light,

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs

runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region, and

wherein the amount of the current flowing through the channel formation region of each of the plurality of EL driving TFTs is the same as the amount of current flowing through the channel formation region of each of the plurality of electric discharge TFTs.

13. A light emitting device comprising:

- a plurality of EL driving TFTs;
- a plurality of electric discharge TFTs;
- a plurality of EL elements; and
- a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein the polarity of the plurality of EL driving TFTs is different from the polarity of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light, and

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light.

14. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein the polarity of the plurality of EL driving TFTs is different from the polarity of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light, and

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region.

15. A light emitting device comprising:

a plurality of EL driving TFTs;

a plurality of electric discharge TFTs;

a plurality of EL elements; and

a power supply line;

wherein a source region of each of the plurality of EL driving TFTs and a drain region

of each of the plurality of electric discharge TFTs are connected to the power supply line,

wherein a pixel electrode of each of the plurality of EL elements is connected to a drain region of each of the plurality of EL driving TFTs,

wherein a predetermined electric potential is applied to a source region of each of the plurality of electric discharge TFTs,

wherein a gate electrode of each of the plurality of EL driving TFTs is connected to a gate electrode of each of the plurality of electric discharge TFTs,

wherein the polarity of the plurality of EL driving TFTs is different from the polarity of the plurality of electric discharge TFTs,

wherein a current flows through a channel formation region of each of the plurality of EL driving TFTs and each of the plurality of electric discharge TFTs is turned OFF when each of the plurality of EL elements emits light,

wherein a current flows through a channel formation region of each of the plurality of electric discharge TFTs when each of the plurality of EL elements does not emit light,

wherein the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the drain region to the source region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the source region to the drain region, and the current flowing through the channel formation region of each of the plurality of electric discharge TFTs runs from the source region to the drain region when the current flowing through the channel formation region of each of the plurality of EL driving TFTs runs from the drain region to the source region, and

wherein the amount of the current flowing through the channel formation region of

each of the plurality of EL driving TFTs is the same as the amount of current flowing through the channel formation region of each of the plurality of electric discharge TFTs.

16. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT; and

an EL element,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element, and

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to a gate signal line.

17. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT; and

an EL element,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element,

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to the reference power supply line,

wherein a gate electrode of the EL driving TFT is connected to a gate electrode of the electric discharge TFT, and

wherein the polarity of the EL driving TFT is different from the polarity of the electric discharge TFT.

18. A light emitting device comprising a plurality of pixels connected to a power supply line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT; and

an EL element,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element, and

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to a power supply connected to an opposite electrode of the EL element.

19. A light emitting device comprising a plurality of pixels connected to a power supply

line, each of the plurality of pixels comprising:

an EL driving TFT;

an electric discharge TFT; and

an EL element,

wherein a source region of the EL driving TFT is connected to the power supply line and a drain region of the EL driving TFT is connected to a pixel electrode of the EL element,

wherein a drain region of the electric discharge TFT is connected to the power supply line and a source region of the electric discharge TFT is connected to a power supply connected to an opposite electrode of the EL element,

wherein a gate electrode of the EL driving TFT is connected to a gate electrode of the electric discharge TFT, and

wherein the polarity of the EL driving TFT is different from the polarity of the electric discharge TFT.

20. A light emitting device according to claim 1, wherein the source region of the electric discharge TFTs is connected to a first current controlling element, and that the source region of the electric discharge TFT receives a given electric potential through the first current controlling element.

21. A light emitting device according to claim 1, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

22. A light emitting device according to claim 1, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

23. A light emitting device according to claim 1, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

24. An electronic device comprising the light emitting device according to claim 1.

25. A light emitting device according to claim 2, wherein the source region of the electric discharge TFTs is connected to a first current controlling element, and that the source region of the electric discharge TFT receives a given electric potential through the first current controlling element.

26. A light emitting device according to claim 2, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

27. A light emitting device according to claim 2, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

28. A light emitting device according to claim 2, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

29. An electronic device comprising the light emitting device according to claim 2.

30. A light emitting device according to claim 3, wherein the source region of the electric discharge TFTs is connected to a first current controlling element, and that the source region of the electric discharge TFT receives a given electric potential through the first current controlling element.

31. A light emitting device according to claim 3, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

32. A light emitting device according to claim 3, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

33. A light emitting device according to claim 3, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

34. An electronic device comprising the light emitting device according to claim 3.

35. A light emitting device according to claim 4, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

36. A light emitting device according to claim 35, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

37. A light emitting device according to claim 36, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

38. An electronic device comprising the light emitting device according to claim 4.

39. A light emitting device according to claim 5, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

40. A light emitting device according to claim 39, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the

plurality of electric discharge TFTs through respective switching TFTs.

41. A light emitting device according to claim 40, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

42. An electronic device comprising the light emitting device according to claim 5.

43. A light emitting device according to claim 6, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

44. A light emitting device according to claim 43, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

45. A light emitting device according to claim 44, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

46. An electronic device comprising the light emitting device according to claim 6.

47. A light emitting device according to claim 7, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

48. A light emitting device according to claim 47, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

49. A light emitting device according to claim 48, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

50. An electronic device comprising the light emitting device according to claim 7.

51. A light emitting device according to claim 8, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

52. A light emitting device according to claim 51, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the

plurality of electric discharge TFTs through respective switching TFTs.

53. A light emitting device according to claim 52, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

54. An electronic device comprising the light emitting device according to claim 8.

55. A light emitting device according to claim 9, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

56. A light emitting device according to claim 55, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

57. A light emitting device according to claim 56, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

58. An electronic device comprising the light emitting device according to claim 9.

59. A light emitting device according to claim 10, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

60. A light emitting device according to claim 59, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

61. A light emitting device according to claim 60, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

62. An electronic device comprising the light emitting device according to claim 10.

63. A light emitting device according to claim 11, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

64. A light emitting device according to claim 63, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the

plurality of electric discharge TFTs through respective switching TFTs.

65. A light emitting device according to claim 64, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

66. An electronic device comprising the light emitting device according to claim 11.

67. A light emitting device according to claim 12, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

68. A light emitting device according to claim 67, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

69. A light emitting device according to claim 68, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

70. An electronic device comprising the light emitting device according to claim 12.

71. A light emitting device according to claim 13, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

72. A light emitting device according to claim 71, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

73. A light emitting device according to claim 72, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

74. An electronic device comprising the light emitting device according to claim 13.

75. A light emitting device according to claim 14, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

76. A light emitting device according to claim 75, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the

plurality of electric discharge TFTs through respective switching TFTs.

77. A light emitting device according to claim 76, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

78. An electronic device comprising the light emitting device according to claim 14.

79. A light emitting device according to claim 15, wherein switching of the plurality of EL driving TFTs and the plurality of electric discharge TFTs is controlled by digital video signals inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs.

80. A light emitting device according to claim 79, wherein the digital video signals are inputted to the gate electrodes of the plurality of EL driving TFTs and the gate electrodes of the plurality of electric discharge TFTs through respective switching TFTs.

81. A light emitting device according to claim 80, wherein the switching TFTs and the electric discharge TFTs have the same polarity.

82. An electronic device comprising the light emitting device according to claim 15.

83. A light emitting device according to claim 16, wherein the source region of the electric discharge TFT is connected to the gate signal line through a first current controlling element.

84. A light emitting device according to claim 16, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

85. A light emitting device according to claim 16, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

86. A light emitting device according to claim 16, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

87. An electronic device comprising the light emitting device according to claim 16.

88. A light emitting device according to claim 17, wherein the source region of the electric discharge TFT is connected to the gate signal line through a first current controlling element.

89. A light emitting device according to claim 17, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

90. A light emitting device according to claim 17, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

91. A light emitting device according to claim 17, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

92. An electronic device comprising the light emitting device according to claim 17.

93. A light emitting device according to claim 18, wherein the source region of the electric discharge TFT is connected to the power supply connected to an opposite electrode of the EL element through a first current controlling element.

94. A light emitting device according to claim 18, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

95. A light emitting device according to claim 18, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

96. A light emitting device according to claim 18, wherein the first current controlling

element is one of a resistor, a diode, and a TFT.

97. An electronic device comprising the light emitting device according to claim 18.

98. A light emitting device according to claim 19, wherein the source region of the electric discharge TFT is connected to the power supply connected to an opposite electrode of the EL element through a first current controlling element.

99. A light emitting device according to claim 19, wherein the first current controlling element is one of a resistor, a diode, and a TFT.

100. A light emitting device according to claim 19, wherein the drain region of the electric discharge TFT is connected to the power supply line through a second current controlling element.

101. A light emitting device according to claim 19, wherein the first current controlling element.